

H&D Wireless Wi-Fi support for Bonjour™

Software stack on the Atmel 32-bit AVR platform



Media Applications

The H&D Wireless AB Wi-Fi solution is supported on Atmel AVR (MCU) platforms for quick start for developers that want to enter the Digital media market.

Wi-Fi makes it Wireless

In all media applications the problem of how to access and change the media is easily solved with Wi-Fi. Due to the high speed and security functions of 802.11, media such as mp3, IP-radio or video are transferred fast and secure.

Performance of Wi-Fi

The Wi-Fi solution provided with HDG104 WLAN802.11b/g is market leader in terms of solution size, power consumption in all modes, transmit/receive range, data transfer speed and cost.

TURNKEY SOLUTIONS

The reference designs provided are turnkey solutions that will work first time and can be modified and used for customers own products.



H&D Wireless AB, official
Atmel Wi-Fi partner

H&D Wireless announces first support for Bonjour SW stack on the 32-bit AVR. Bonjour widely simplifies the installation of new devices in home and industry applications



Picture: H&D Wireless Full implementation of Bonjour™ zero configuration service and discovery protocol supported on AVR32.

The platform solution enables OEM/ODM:s to design an variety of Telematics and Multimedia devices with low design effort and cost for quickest time to market possible!

Device 1 ↔ Device 2

Ipad - NAS disc with media

Iphone - Home control unit

Media player – NAS or Mac disc

iTouch – Printer

Mac – Video media player

Key Features of H&D Wireless support for Bonjour!

- **Lowest power consumption solution in the market for embedded applications.**
- **HTTP WebDav support, future upgrade to DAAP and DACP possible.**
- **Allocate IP addresses without a DHCP server.**
- **Translate between names and addresses without a DNS server.**
- **Locate or advertise services without using a directory server.**

“ What do you want to connect?”

Networking !

Bonjour

Bonjour, also known as zero-configuration networking, enables automatic discovery of computers, devices, and services on IP networks. Bonjour uses industry standard IP protocols to allow devices to automatically discover each other without the need to enter IP addresses or configure DNS servers.

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